

JC715 U.S. Pat. & Tm. Off.  
09/22/00

**BIRCH STEWART, KOLASCH & BIRCH, LLP**

INTELLECTUAL PROPERTY LAW  
8110 GATEHOUSE ROAD  
SUITE 500 EAST  
FALLS CHURCH, VA 22042-1210  
U S A  
(703) 205-8000

FAX: (703) 205-8050  
(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com  
web: http://www.bskb.com

CALIFORNIA OFFICE:  
COSTA MESA, CALIFORNIA

TERRELL C. BIRCH  
RAYMOND C. STEWART  
JOSEPH A. KOLASCH  
JAMES M. SLATTERY  
BERNARD L. SWEENEY\*  
MICHAEL K. MUTTER  
CHARLES GORENSTEIN  
GERALD M. MURPHY, JR.  
LEONARD R. SVENSSON  
TERRY L. CLARK  
ANDREW D. MEIKLE  
MARC S. WEINER  
JOE MCKINNEY MUNCY  
ROBERT J. KENNEY  
DONALD J. DALEY  
JOHN W. BAILEY  
JOHN A. CASTELLANO, III  
GARY D. YACURA

OF COUNSEL:  
HERBERT M. BIRCH (1905-1996)  
ELLIOT A. GOLDBERG\*  
WILLIAM L. GATES\*  
EDWARD H. VALANCE  
RUPERT J. BRADY (RET.)\*  
F. PRINCE BUTLER  
FRED S. WHISENHUNT

\*ADMITTED TO A BAR OTHER THAN VA.

THOMAS S. AUCHTERLON  
JAMES T. ELLER, JR.  
SCOTT L. LOWE  
MARK J. NUEL, Ph.D.  
D. RICHARD ANDERSON  
PAUL C. LEWIS  
MARK W. MILSTEAD\*  
RICHARD J. GALLAGHER  
JAYNE M. SAYDAH\*

REG. PATENT AGENTS:  
FREDERICK R. HANDRENT  
MARYANNE ARMSTRONG, Ph.D.  
MAKI HATSUMI  
MIKE S. RYU  
CRAIG A. McROBBIE  
GARTH M. DAHLEN, Ph.D.  
LAURA C. LUTZ  
ROBERT E. GOOZNER, Ph.D.  
HYUNG N. SOHN  
MATTHEW J. LATTIG  
ALAN PEDERSEN-GILES  
C. KEITH MONTGOMERY  
TIMOTHY R. WYCKOFF  
KRISTI L. RUPERT, Ph.D.  
LARRY J. HUME  
ALBERT LEE  
HRAIR A. SAYADIAN, Ph.D.

JC714 U.S. Pat. & Tm. Off.  
09/667775

09/22/00

Date: September 22, 2000

Docket No.: 717-445P

**BOX PATENT APPLICATION**

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

As authorized by the inventor(s), transmitted herewith for filing is a patent application applied for on behalf of the inventor(s) according to the provisions of 37 C.F.R. § 1.41(c).

Inventor(s): KAWANISHI, Hidenori; INOOKA, Toshihiro;  
SHIMONAKA, Atsushi; KUMATANI, Keiji

For: SEMICONDUCTOR LASER DEVICE, OPTICAL TRANSMISSION  
DEVICE, OPTICAL TRANSMISSION SYSTEM, ELECTRONIC  
DEVICE, CONTROL DEVICE, CONNECTOR, COMMUNICATION  
DEVICE, AND OPTICAL TRANSMISSION AND DATA  
TRANSMISSION AND RECEPTION METHOD

Enclosed are:

- ☒ A specification consisting of One-hundred seventeen (117) pages
- ☒ Twenty (20) sheet(s) of formal drawings
- ☒ Executed Declaration in accordance with 37 C.F.R. § 1.64 will follow
- ☐ A statement to establish small entity status under 37 C.F.R. § 1.9 and 37 C.F.R. § 1.27

- ☐ Preliminary Amendment
- ☒ Information Sheet
- ☐ Information Disclosure Statement, PTO-1449 and reference(s)
- ☐ Other: \_\_\_\_\_

The filing fee has been calculated as shown below:

		LARGE ENTITY		SMALL ENTITY	
BASIC FEE		\$690.00		\$345.00	
	NUMBER FILED	NUMBER EXTRA	RATE FEE	RATE FEE	
<b>TOTAL CLAIMS</b>	54-20=	34	x 18 = \$612.00	x 9=	
<b>INDEPENDENT CLAIMS</b>	7-3=	4	x 78 = \$312.00	x39= \$0.00	
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED			+ \$260.00	+ \$130.00	
		<b>TOTAL</b>	\$1,614.00	\$0.00	

- ☒ The application transmitted herewith is filed in accordance with 37 C.F.R. § 1.41(c). The undersigned has been authorized by the inventor(s) to file the present application. The original duly executed declaration together with the surcharge will be forwarded in due course.
- ☒ A check in the amount of \$1,614.00 to cover the filing fee is enclosed.
- ☐ Please charge Deposit Account No. 02-2448 in the amount of \$0.00. A triplicate copy of this transmittal form is enclosed.
- ☒ Please send correspondence to:

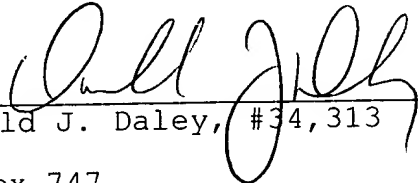
BIRCH, STEWART, KOLASCH & BIRCH, LLP **or** Customer No. 2292  
P.O. Box 747  
Falls Church, VA 22040-0747  
Telephone: (703) 205-8000

Docket No. 717-445P

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  \_\_\_\_\_  
Donald J. Daley, #34,313

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

DJD/cqc  
717-445P

Attachments

(Rev. 04/19/2000)

002250-5229950

PATENT  
717-445P



IN THE U.S. PATENT AND TRADEMARK OFFICE

I N F O R M A T I O N   S H E E T

Applicant: KAWANISHI, Hidenori; INOOKA, Toshihiro;  
SHIMONAKA, Atsushi; KUMATANI, Keiji

Appl. No.: New

Filed: September 22, 2000

For: SEMICONDUCTOR LASER DEVICE, OPTICAL TRANSMISSION  
DEVICE, OPTICAL TRANSMISSION SYSTEM, ELECTRONIC  
DEVICE CONTROL DEVICE, CONNECTOR, COMMUNICATION  
DEVICE, AND OPTICAL TRANSMISSION AND DATA  
TRANSMISSION AND RECEPTION METHOD

Priority Claimed: Japan 11-271455 September 24, 1999  
Japan 2000-284426 September 19, 2000

Send Correspondence to:

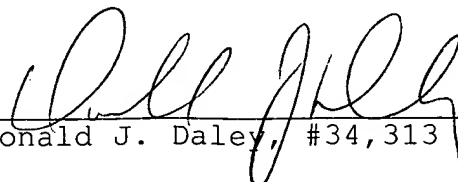
BIRCH, STEWART, KOLASCH & BIRCH, LLP or **CUSTOMER NO. 2292**  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

The above information is submitted to advise the U.S.P.T.O.  
of all relevant facts in connection with the present application.

A timely executed Declaration in accordance with 37 C.F.R.  
§ 1.64 will follow.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Donald J. Daley, #34,313

DJD/cqc  
717-445P

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000